

substantially smaller capacitance than said second coupling capacitor.

*I
conced* 36 (previously added). The cardiac pacing system as recited in claim 34, wherein said second coupling capacitor has a capacitance ranging from 10-40 microfarads, and said first coupling capacitor has a capacitance less than 5 microfarads.

REMARKS

In accordance with the above amendments, claims 1 and 19 have been amended to add clarifying language. Claims 1, 3-19 and 21-36 remain under consideration in the present application and no claim has been allowed.

It is noted that claims 1, 3-19 and 21-36 are rejected under 35 USC § 103(a) as being unpatentable over Haefner et al (U.S. 5,690,683). While it is true that Haefner discloses aspects of the presently claimed invention, it neither recognizes nor teaches anything with the versatile scope of the system of the present invention. In this regard, applicants cannot agree that it would be obvious to modify the Haefner device to achieve the system of the present invention.

With respect to other patent references such as Sholder (U.S. 5,222,493), which show that different combinations of electrodes may be used for sensing in different applications, this is far from suggesting the creation of a simple single device that allows many different combinations for sensing. Each

of the cited references is limited in scope to an aspect of such a device and it is submitted that insofar as the references suggest additional combinations they teach multiple devices. The references themselves do not provide any incentive for one to come up with the combination of the presently claimed invention.

In view of these and previously submitted remarks, the Examiner is asked to reconsider his position and allow the present claims.

Respectfully submitted,

NIKOLAI & MERSEREAU, P.A.

A handwritten signature in cursive script, appearing to read "C. G. Mersereau".

C. G. Mersereau
Registration No. 26,205
820 International Centre
900 Second Avenue So.
Minneapolis, MN 55402
Telephone: (612) 339-7461